AMENDMENTS TO THE CLAIMS

Below is the entire set of pending claims pursuant to 37 C.F.R §1.121(c)(3)(i), with any mark-ups showing the changes made by the present Amendment.

1.   (Previously presented) An electronic message delivery system for use in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mail messages comprising e-mail message data may be delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the system comprising:

(a) a stored user profile, associated with a user to whom an e-mail message is addressed, having detection parameters for processing e-mail message data;

(b) a processor for processing the e-mail message data and configured to identify suspect e-mail messages according to the detection parameters in the user profile; and

(c) a web page accessible to set the detection parameters.

2.   (Original) A system according to claim 1, wherein the processor is further configured to store but not deliver the suspect e-mail messages.

3.   (Original) A system according to claim 2, wherein another web page is accessible by the user to inspect the suspect e-mail messages.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 2 OF 21

4.   (Original) A system according to claim 3, where the web page to set the detection parameters is the same web page as the web page to inspect the suspect e-mail messages.

5.   (Previously presented) A system according to claim 1, wherein the processor is associated with an intermediate service that is inserted in the electronic message delivery path.

6.   (Previously presented) A system according to claim 5, where the processor is comprised within the intermediate service.

7.   (Previously presented) A system according to claim 5, wherein the intermediate service is inserted into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate service.

8.   (Previously presented) A system according to claim 5, wherein a web page is accessible by an operator or agent of the destination e-mail server or a gateway to cause the intermediate service to be inserted into the electronic message delivery path.

9.   (Previously presented) A system according to claim 1, wherein the e-mail messages data comprises content data, source data, and destination data.

10.   (Canceled)

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 3 OF 21

11.   (Canceled)

12.   (Canceled)

13.   (Canceled)

14.   (Previously presented) A method of providing electronic messaging service in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mail messages comprising e-mail message data may be delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the method comprising:

(a) storing a user profile, associated with a user to whom an e-mail message is addressed, having detection parameters;

(b) processing the e-mail message data to identify suspect e-mail messages according to the detection parameters in the user profile; and

(c) accessing a web page to establish the detection parameters.

15.   (Original) A method according to claim 14, wherein the processing further comprises storing but not delivering the suspect e-mail messages.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 4 OF 21

16.   (Original) A method according to claim 15, wherein the accessing further comprises accessing a web page by the user to inspect the suspect e-mail messages.

17.   (Previously presented) A method according to claim 16, wherein accessing a web page to inspect the suspect e-mail messages comprises accessing the web page used to set the detection parameters.

18.   (Previously presented) A method according to claim 14, further comprising receiving the e-mail message data in an intermediate service operable to perform the processing and positioned along the electronic message delivery path between the sending e-mail server and the destination e-mail server.

19.   (Previously presented) A method according to claim 18, wherein the processing is comprised within the intermediate service.

20.   (Previously presented) A method according to claim 18, further comprising receiving the e-mail message data with an intermediate service inserted into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate service.

21.   (Previously presented) A method according to claim 18, further comprising accessing a web page by an operator or agent of the destination e-mail server or a gateway to insert the intermediate service into the electronic message delivery path.

22.   (Previously presented) A method according to claim 14, wherein the e-mail message data comprises content data, source data, and destination data.

23.   (Canceled)

24.   (Canceled)

25.   (Canceled)

26.   (Original) A method of providing electronic messaging services in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mails may be delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the method comprising:

(a) inserting an intermediate pre-processing service into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate pre-processing service, the intermediate pre-processing service storing a user profile having detection

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 6 OF 21

parameters for processing e-mail message data, the user profile associated with a user to whom an e-mail message is addressed;

(b) receiving in the intermediate pre-processing service e-mail message data addressed to the destination e-mail server that has been routed to the intermediate pre-processing service, the user profile accessible through a web page by the user to set the detection parameters; and

(c) simultaneously with receiving the e-mail message data in the intermediate pre-processing service, processing the e-mail message data to identify suspect e-mail messages according to the detection parameters, and, if the processing instructs delivery to the destination e-mail server, delivering the e-mail message data to that server.

27.   (Canceled)

28.   (Canceled)

29.   (Canceled)

30.   (Canceled)

31.   (Canceled)

32.   (Original) A method according to claim 26, further comprising identifying suspect e-mail messages and storing but not delivering the suspect e-mail messages.

33.   (Original) A method according to claim 26, further comprising a user accessing a server to inspect suspect e-mail messages addressed to the user.

34.   (Original) A method according to claim 26, wherein the stored user profile describes the preferences of a user who is an end user of the electronic messaging services.

35.   (Original) A method according to claim 26, further comprising accessing a web page by an operator or agent of the destination e-mail server or a gateway to cause the intermediate pre-processing service to be inserted into the electronic message delivery path.

36.   (Original) A method according to claim 26, wherein the processing includes delivering at least one e-mail message comprising the e-mail message data to one or more wireless network gateways.

37.   (Previously presented) A method according to claim 26, wherein the e-mail message data comprises content data, source data, and destination data.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 8 OF 21

38.   (Canceled)

39.   (Canceled)

40.   (Canceled)

41.   (Original) A method according to claim 26, wherein the intermediate pre-processing service accepts a connection from a sending SMTP server, and simultaneously with the receiving of e-mail message data over that connection opens a connection to a receiving SMTP server.

42.   (Original) A method according to claim 26, wherein the method is accomplished in the intermediate pre-processing service without providing standard mail server software in the intermediate pre-processing service.

43.   (Original) A method according to claim 26, wherein processing the e-mail message data further comprises processing the e-mail message data with the intermediate pre-processing service.

44.   (Original) An electronic message delivery system for use in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mails may be

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 9 OF 21

delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the system comprising:

(a) an intermediate pre-processing service configured to be inserted into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate pre-processing service;

(b) e-mail message data addressed to the destination e-mail server received by the intermediate pre-processing service, the intermediate pre-processing service having a stored user profile, associated with a user to whom an e-mail message is addressed, having detection parameters for processing the e-mail message data and being accessible through a web page by the user to set the parameters; and

(c) a processor associated with the intermediate pre-processing service for processing the e-mail message data simultaneously with the receiving of the e-mail message data by the intermediate pre-processing service to identify suspect e-mail messages according to the detection parameters in the user profile, the e-mail message data delivered to the destination e-mail server if the processing of the e-mail message data instructs delivery to that server.

45.   (Original) A system according to claim 44, wherein the processor is located within the intermediate pre-processing service.

46.   (Canceled)

47.   (Canceled)

48.   (Canceled)

49.   (Canceled)

50.   (Canceled)

51.   (Original) A system according to claim 44, wherein the processor is further configured to identify suspect e-mail messages and store but not deliver the suspect e-mail messages.

52.   (Original) A system according to claim 51, further including a web page accessible by a user to inspect suspect e-mail messages addressed to the user.

53.   (Original) A system according to claim 52, wherein the web page accessible to inspect suspect e-mails is the same as the web page accessible to set the detection parameters.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 11 OF 21

PAGE 12/22 * RCVD AT 12/28/2005 6:21:27 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2738300 * CSID:2149783000   * DURATION (mm-ss):06-24

54.   (Original) A system according to claim 44, wherein the stored user profile describes the preferences of a user who is an end user of the system.

55.   (Original) A system according to claim 44, further comprising a web page accessible by an operator or agent of the destination e-mail server or a gateway to cause the intermediate pre-processing service to be inserted into the electronic message delivery path.

56.   (Original) A system according to claim 44, wherein the processor is further configured to deliver at least one e-mail message comprising the e-mail message data to one or more wireless network gateways.

57.   (Previously presented) A system according to claim 44, wherein the e-mail message data comprises content data, source data, and destination data.

58.   (Canceled)

59.   (Canceled)

60.   (Canceled)

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 12 OF 21

61.   (Original) A system according to claim 44, wherein the intermediate pre-processing service is further configured to accept a connection from a sending SMTP server and, simultaneously with the receiving of e-mail message data over that connection, open a connection to a receiving SMTP server.

62.   (Original) A system according to claim 44, wherein the processor is configured to process the e-mail message data without providing standard mail server software in the intermediate pre-processing service.

63.   (Previously presented) A system according to claim 1, wherein the web page is accessible by the user to set the detection parameters.

64.   (Previously presented) A system according to claim 5, wherein the intermediate service is operable to route e-mails received from the sending server to the destination server if not identified as suspect by the processor.

65.   (Previously presented) A system according to claims 5, wherein the intermediate service is an intermediate pre-processing service.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 13 OF 21

66.   (Previously presented) A system according to claim 5, wherein the processor is further configured to identify the suspect e-mail messages simultaneously with the receiving of the e-mail message data by the intermediate service.

67.   (Previously presented) A system according to claim 5, wherein the user profile is stored in the intermediate service.

68.   (Previously presented) A system according to claim 5, wherein the user profile is stored in a database associated with the intermediate service.

69.   (Previously presented) A method according to claim 14, wherein the accessing further comprises accessing the web page by the user to set the detection parameters.

70.   (Previously presented) A method according to claim 18, further comprising routing e-mails received with the intermediate service from the sending server to the destination server if not identified as suspect by the processing.

71.   (Previously presented) A method according to claims 18, wherein the intermediate service is an intermediate pre-processing service.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 14 OF 21

10/672.688
Atty. Docket No. PST-001A

72.   (Previously presented) A method according to claim 18, wherein the processing further comprises processing the e-mail message data to identify the suspect e-mail messages simultaneously with the receiving of the e-mail message data by the intermediate service.

73.   (Previously presented) A method according to claim 18, wherein the method further comprises storing the user profile in the intermediate service.

74.   (Previously presented) A method according to claim 18, wherein the method further comprises storing the user profile in a database associated with the intermediate service.

75.   (Previously presented) An electronic message delivery system for use in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mail messages comprising e-mail message data may be delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the system comprising:

(a) an intermediate service inserted into the electronic message delivery path and configured to receive the e-mail message data from the sending server;

(b) a user profile stored in the intermediate service and associated with a user to whom an e-mail message is addressed, the user profile having adjustable detection parameters for processing e-mail message data; and

(c) a processor associated with the intermediate service for processing the received e-mail message data and configured to identify suspect e-mail messages according to the detection parameters in the user profile.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 15 OF 21

76.   (Previously presented) A system according to claim 75, wherein the processor is further configured to store but not deliver the suspect e-mail messages.

77.   (Previously presented) A system according to claim 76, wherein a web page associated with the intermediate service is accessible by the user to inspect the suspect e-mail messages.

78.   (Previously presented) A system according to claim 77, wherein the web page is further accessible by the user to set the detection parameters.

79.   (Previously presented) A system according to claim 75, wherein the intermediate service is operable to forward e-mails received from the sending server to the destination server if not identified as suspect by the processor.

80.   (Previously presented) A system according to claim 75, wherein the processor is further configured to identify the suspect e-mail messages simultaneously with the receiving of the e-mail message data by the intermediate service.

81.   (Previously presented) A system according to claim 75, where the processor is comprised within the intermediate service.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 16 OF 21

82.   (Previously presented) A system according to claims 75, wherein the intermediate service is an intermediate preprocessing service.

83.   (Previously presented) A system according to claim 75, wherein the intermediate service is inserted into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate service.

84.   (Previously presented) A system according to claim 83, wherein a web page is accessible by an operator or agent of the destination e-mail server or a gateway to cause the intermediate service to be inserted into the electronic message delivery path.

85.   (Canceled)

86.   (Previously presented) A system according to claim 75, wherein the e-mail message data comprises content data, source data, and destination data.

87.   (Previously presented) A method of providing electronic messaging service in an e-mail network comprising a sending e-mail server and a destination e-mail server, wherein e-mail messages comprising e-mail message data may be delivered from the sending e-mail server to the destination e-mail server via an electronic message delivery path, the method comprising:

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 17 OF 21

(a) inserting an intermediate service into the electronic message delivery path, the intermediate service configured to receive the e-mail message data from the sending server;

(b) storing a user profile in the intermediate service, the user profile associated with a user to whom an e-mail message is addressed and having adjustable detection parameters for processing e-mail message data; and

(c) processing the e-mail message data received by the intermediate service by identifying suspect e-mail messages according to the detection parameters in the user profile.

88.   (Previously presented) A method according to claim 87, wherein the processing further comprises storing but not delivering the suspect e-mail messages.

89.   (Previously presented) A method according to claim 88, further comprising accessing a web page associated with the intermediate service by the user to inspect the suspect e-mail messages.

90.   (Previously presented) A method according to claim 89, further comprising accessing the web page by the user to set the detection parameters.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 18 OF 21

91.   (Previously presented) A method according to claim 87, further comprising forwarding e-mails received from the sending server to the destination server with the intermediate service if the e-mails are not identified as suspect by the processing.

92.   (Previously presented) A method according to claim 87, wherein the processing further comprises identifying the suspect e-mail messages simultaneously with the receiving of the e-mail message data by the intermediate service.

93.   (Previously presented) A method according to claim 87, where the processing is provided from within the intermediate service.

94.   (Previously presented) A method according to claims 87, wherein the intermediate service is an intermediate preprocessing service.

95.   (Previously presented) A method according to claim 87, wherein inserting comprises inserting the intermediate service into the electronic message delivery path by changing a Domain Name System entry containing an IP address of the destination e-mail server to contain an IP address of the intermediate service.

96.   (Previously presented) A method according to claim 95, further comprising accessing a web page by an operator or agent of the destination server or a gateway to insert the intermediate service into the electronic message delivery path.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 19 OF 21

97.   (Canceled)

98.   (Previously presented) A system according to claim 87, wherein the e-mail message data comprises content data, source data, and destination data.

SUPPLEMENTAL RESPONSE TO OFFICE ACTION   PAGE 20 OF 21